

We Solve Problems in Genomics.

22
YEARS

15
YEARS

11
YEARS

~175 SOFTWARE ENGINEERS &
BIOINFORMATICIANS
BIOINFORMATICS & SOFTWARE

22 years of providing bioinformatics solutions to global instrument, diagnostic and pharma companies

~35 MOLECULAR BIOLOGISTS
CURATION

15 years of curating variants, genes, pathways and diseases for clinical reporting and pharma biotech custom solutions

~50 LAB SCIENTISTS,
CLINICAL RESEARCH SCIENTISTS
OMICS ASSAYS

11 years of working with sequencing-based diagnostics across oncology and inherited/complex disorders, at our India CAP lab

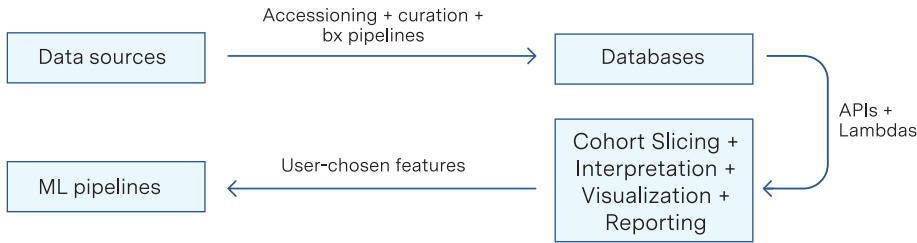
150+ CURATION PROJECTS

500+ PROJECTS

150+ BIOINFORMATICS PROJECTS

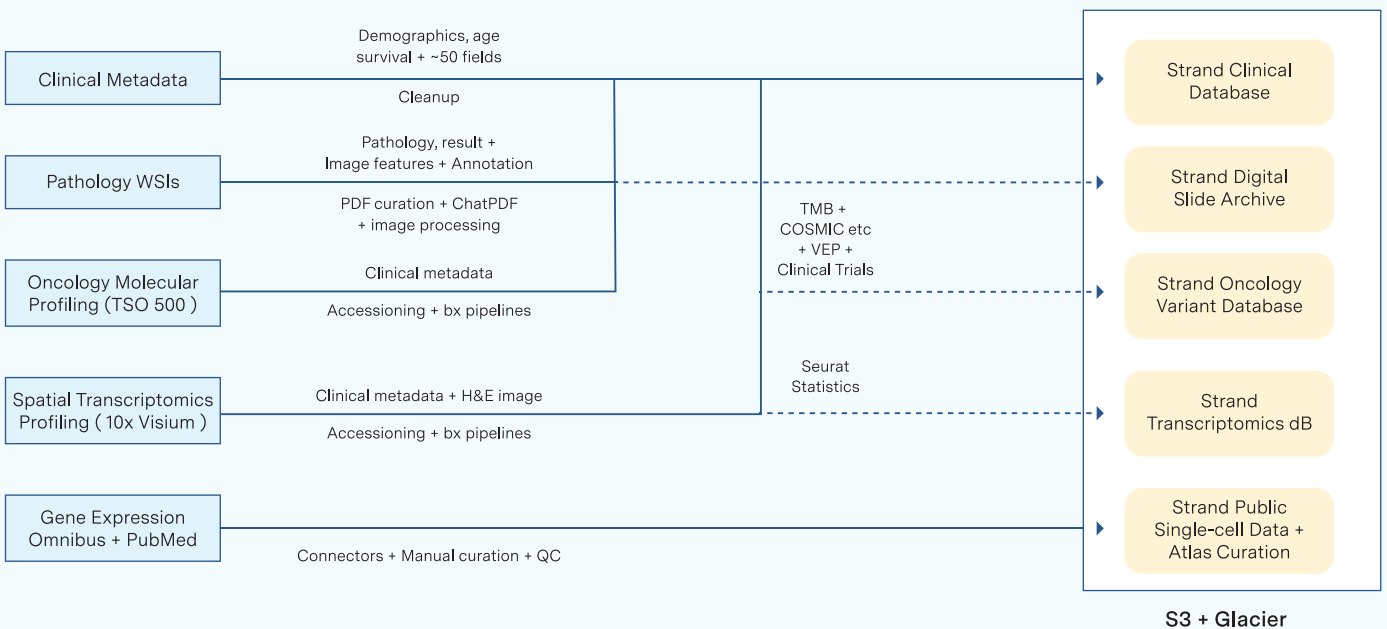
200+ SOFTWARE DEVELOPMENT PROJECTS

WE ENGINEER PIPELINES TO INGEST AND ANALYZE 'OMICS DATA.



- ▶ We use in-house NGS, PCR, and pathology laboratories to generate data for diagnostics and research applications
- ▶ Bioinformatics pipelines + automatic + manual curation ingests this data into S3 and/or Glacier-resident dBs
- ▶ APIs + Lambdas help fetch select data from these databases to help identify interesting sub cohorts, visualize statistics, and build ML pipelines for cohort stratification and biomarker analysis

DATA SOURCES AND INGESTION METHODS



WE LIVE THE 'OMICS PROBLEMS WE SOLVE



Our India CAP lab runs =10,000 'omics assays per year, including exome, whole genome, RNA-Seq, single-cell and spatial transcriptomics assays

We build software platforms, build bioinformatics and tertiary analysis pipelines, and curate public data to support our 'omics data generation

We apply our experience solving curation, software, and bioinformatics problems to our US customers in a services context

WE SOLVE PROBLEMS IN 'OMICS DATA ORGANIZATION.

We curate 'omics data of diverse types

We develop systems and databases to ingest data we curate

We develop dashboards to build cohorts, visualize and run ML on the data